

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	27	("5408624"   "5457651"   "5459850"   "5603056"   "5661848"   "5664156"   "5675761"   "5696931"   "5701450"   "5729683"   "5761460"   "5784390"   "5805882"   "5920884"   "5968141"   "6170043"   "6289397"   "6304925"   "6418501"   "6434034").PN. OR ("6507881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 10:02
L3	47	((MIN-SU) near2 (KIM)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/29 12:13
L4	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/29 12:14
S1	2	"730960".ap.	US-PGPUB	OR	ON	2006/12/12 09:20
S2	3	("5261055" "6035346" "6295053").PN.	USPAT	OR	ON	2006/12/12 09:23
S3	13	("4660170"   "5379049"   "5602567"   "5691741"   "6020904"   "6100906"   "6104360").PN. OR ("6295053").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 09:25
S4	3841857	memory storage RAM ROM	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S5	622565	\$4programm\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S6	1067845	processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:25
S7	2777550	monitor display	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:26
S8	10380	S4 SAME S5 SAME S6 SAME S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:26
S9	1505	S4 WITH S5 WITH S6 WITH S7	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:30
S10	45	((MIN-SU) near2 (KIM)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/12 10:27
S11	2	((SANG-HA) near2 (HWANG)).INV.	US-PGPUB; USPAT	OR	ON	2006/12/12 10:27

## EAST Search History

S12	0	S4 WITH S5 WITH S6 WITH serial	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:30
S13	164	S4 WITH S5 WITH S6 WITH serial	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:32
S14	12	S4 WITH S5 WITH S6 WITH serial with general	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:32
S15	11	("5784649"   "5822553"   "5835761"   "6137243"   "6138240"   "6141489"   "6268845"   "6289466"   "6295053"   "6339819").PN. OR ("6661411").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 10:41
S16	6	("6011546"   "6268845"   "6295053"   "6302795"   "6525667"   "6567845").PN. OR ("6697058").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 10:44
S17	133539	(monitor display) near2 (controller processor)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:24
S18	6394	S17 SAME S5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:25
S19	2287	S18 SAME S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:25
S20	13639	((717/168,171-173) or (710/1,15) or (345/204-215,501, 519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 11:26
S21	57	S19 AND S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 11:26
S22	0	("2004/0181789").URPN.	USPAT	OR	ON	2006/12/12 11:54

## EAST Search History

S23	50	("4267569" "4314354" "4600988" "5297247" "5479055" "4395764" "4402064" "4460974" "4506346" "4588880" "4873980" "4875230" "5283759" "5298724" "5299152" "5321845" "5428808" "5452229" "5453736" "5468680" "5525898" "5594698" "5603084" "5687081" "5784637" "5786991" "5890086" "5986467" "6028445" "6049222" "6055184" "6242944" "6438462" "3812470" "4249211" "4250386" "4250558" "4271432" "4270532" "4275441" "4279421" "4282446" "4282872" "4291385" "4291326" "4295027" "4298934" "4300108" "4301511" "4303179" ).pn.	USPAT	OR	ON	2006/12/12 12:00
S24	34	reprogram\$4 near3 monitor near3 function	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:09
S25	621	program\$4 near3 monitor near3 function	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:10
S26	30	S25 SAME (ROM RAM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:10
S27	0	(separate near2 programming near2 circuit) SAME (ROM RAM) SAME (monitor display)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:25
S28	0	(separate near2 programming near2 circuit) SAME (monitor display)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:25
S29	27	(separate near2 programming near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:26
S30	2	(separate near2 firmware near2 circuit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:26
S31	127	external near2 programming near2 circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:29
S32	3	S31 SAME (ROM RAM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 12:31

## EAST Search History

S33	15	("20030009651" "20030061409" "20030177223" "20040061147" "4956771" "5583964" "5640107" "5784636" "5892962" "6049222" "6096091" "6308311" "6326806" "6704816" "6839873").PN.	US-PGPUB; USPAT	OR	ON	2006/12/12 12:32
S34	56990	(upgrad\$3 updat\$3 reprogram\$4) near4 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:38
S35	4032	S34 with (monitor display screen)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:21
S36	178	S34 with (monitor display screen crt lcd ) adj device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:21
S37	13639	((717/168,171-173) or (710/1,15) or (345/204-215,501,519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 15:22
S38	11	S36 and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:22
S39	21	S36 SAME processor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:30
S40	42591	(upgrad\$3 updat\$3 reprogram\$4) near2 (firmware software program)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:38
S41	19	S40 SAME (separate NEAR2 (processor CPU))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:39
S42	601	(monitor near2 (firmware program)) SAME (ROM)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:45

## EAST Search History

S43	1273	((monitor display) near2 (firmware program)) SAME (ROM) SAME (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S44	8	S43 SAME separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S45	31	S43 AND S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 15:48
S46	2	("6295053").PN. OR ("6577301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 15:59
S47	54	("4116518"   "4116519"   "4648076"   "4698750"   "4720812"   "4855954"   "4879688"   "4896296"   "4970692"   "5003510"   "5155833").PN. OR ("5261055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/12 16:02
S48	26	((first NEAR4 (link port)) WITH (first NEAR4 protocol)) SAME ((second NEAR4 (link port)) WITH (second NEAR4 protocol)) SAME ((third NEAR4 (link port)) WITH (third NEAR4 protocol))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 16:29
S49	742	transfer\$3 WITH (program firmware) WITH processor WITH interface	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:41
S50	9	S49 WITH outside	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:41
S51	6	S49 WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:56
S52	361	S49 WITH memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:35
S53	3	S52 SAME VGA	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:42

## EAST Search History

S54	72	S52 with circuit	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:45
S55	76	(programmable NEAR2 memory) WITH separate WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S56	3	(programmable NEAR2 memory) NEAR3 separate NEAR3 (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47
S57	10	(programmable NEAR2 memory) NEAR4 separate NEAR4 (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47
S58	7	S57 NOT S56	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:47
S59	53269	program near memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 09:53
S60	11	S59 WITH (processor CPU) WITH interface WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S61	29	S52 SAME monitor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:21
S62	17	S49 WITH (without)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:22
S63	5	update with firmware with (without separate) with processor with memory	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:31

## EAST Search History

S64	13733	((717/168,171-173) or (710/1,15) or (345/204-215,501, 519-520,690-699)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/28 10:34
S65	17	S49 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:34
S66	10	S52 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S67	1	S55 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S68	28	(program\$5 NEAR2 memory) WITH (processor CPU) WITH interface WITH separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:36
S69	0	(programmable NEAR2 memory) WITH by\$1pass WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S70	1	(programmable NEAR2 memory) WITH bypass WITH (processor CPU)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:55
S71	2752328	S49 bypass\$3 separate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:56
S72	1	S49 WITH bypass\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:57
S73	355	(upgrad\$3 updat\$3) WITH (firmware program) WITH (through via) WITH (controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:58

## EAST Search History

S74	19	S73 AND S64	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 11:01
S75	1	"5968141".pn.	USPAT	OR	ON	2006/12/28 11:02
S76	13	("5581716"   "5592640"   "5687346"   "5809224"   "5812857").PN. OR ("5968141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:03